



CITY COUNCIL

AGENDA REQUEST

AGENDA OF:	10-22-13	AGENDA REQUEST NO:	I-E
INITIATED BY:	ROBERT VALENZUELA, P.E., CFM DIRECTOR O PUBLIC WORKS	RESPONSIBLE DEPARTMENT:	PUBLIC WORKS
PRESENTED BY:	CHRISTOPHER STEUBING, PE, CFM, CITY ENGINEER	DIRECTOR:	CHRISTOPHER STEUBING, PE, CFM CITY ENGINEER <i>CLS</i>
		ADDITIONAL DIRECTOR (S):	ROBERT VALENZUELA, P.E., CFM DIRECTOR OF PUBLIC WORKS <i>RV</i>
SUBJECT / PROCEEDING:	CIP SW1303 –AMIL GATES REPLACEMENT STUDY WORKSHOP		
EXHIBITS:	N/A		
CLEARANCES		APPROVAL	
LEGAL:	N/A	EXECUTIVE DIRECTOR:	N/A
PURCHASING:	N/A	ASSISTANT CITY MANAGER:	KAREN DALY <i>kd</i>
BUDGET:	N/A	CITY MANAGER:	ALLEN BOGARD <i>kd</i> /FOR AB
BUDGET			
EXPENDITURE REQUIRED: \$		N/A	
CURRENT BUDGET: \$		N/A	
ADDITIONAL FUNDING: \$		N/A	
RECOMMENDED ACTION			
Receive a presentation and an update on the AMIL Gates Replacement Study, CIP SW 1303.			

EXECUTIVE SUMMARY

In March 2013, the City Council authorized an award of a professional services contract to Klotz Associates for Capital Improvement Project, SW1303, AMIL Gates Replacement Study. This study is being conducted in order to assess the gate structure and best determine the available options for replacement that will provide the equivalent level of flood protection as the existing structure.

The AMIL Gates structure was constructed in the early to mid 1970's as a flood control structure to work in conjunction with the dam system along Oyster Creek. The gates are a hydraulically activated structure that open from the bottom to maintain a maximum flood elevation for Oyster Creek and the Brooks Lake area during high water events. The gates were designed and have operated in this fashion for over 35 years.

The gates operate at high efficiency as it relates to flooding but they naturally release flow due to the design and type of construction. The gates were never envisioned to be a watertight structure; however, the flow over time has become a large concern for the City and Gulf Coast Water Authority (GCWA). The gates were rehabilitated over three years ago to address normal wear and tear on the gate structures but these improvements did not address the release of flow. The gates have lived their useful life and are not in production any longer.

The consultant and city staff will present the results from the Study and receive City Council input prior to completion of the report.

EXHIBITS

N/A